ASPE Annual Meeting 2022

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10 – 14 October 2022

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Technical and Poster Sessions

Papers that lent themselves to significant verbal interaction have been selected for poster presentation. Authors will present their work during the poster sessions on Wednesday, October 12 from 1:30 PM – 3:00 PM and on Thursday, October 13 from 3:30 PM – 5:00 PM.

Session 1

Precision Controls and Mechatronics

Wednesday, October 12, 2022, 8:00 AM – 9:45 AM

Co–Chairs: David L. Trumper (Massachusetts Institute of Technology) and Stephen J. Ludwick (Aerotech, Inc.)

Session 2

Precision Metrology and Characterization I

Wednesday, October 12, 2022, 10:00 AM – 11:30 AM

Co–Chairs: Jonathan D. Ellis (Micro-LAM, Inc.) and Kevin E. Elliott (Corning, Inc.)

Session 3

Precision Engineering in Virtual and Augmented Reality

Thursday, October 13, 2022, 8:00 AM – 9:45 AM

Co-Chairs: Tim M. Dalrymple (Motion Systems Opto-Mechanical Consultant) and Phil Harvey (Microsoft)

Session 4

Precision Metrology and Characterization II

Thursday, October 13, 2022, 10:00 AM – 11:30 AM

Co-Chairs: Steven R. Gillmer (MIT Lincoln Laboratory) and Felipe N. Guzman (Texas A&M University)

Session 5

Precision Design

Thursday, October 13, 2022, 1:30 PM – 3:15 PM

Co-Chairs: Leon Chao (National Institute of Standards and Technology) and Kumar Arumugam (National Institute of Standards and Technology)

Session 6

Precision Manufacturing

Friday, October 14, 2022, 8:00 AM – 9:45 AM

Co-Chairs: Stephen J. Furst (Smart Material Solutions, Inc.) and Ping Guo (Northwestern University)

Session 7

Micro Nano

Friday, October 14, 2022, 10:00 AM – 11:45 AM

Co-Chairs: Michael A. Cullinan (The University of Texas at Austin) and Robert M. Panas (Bright Silicon Technologies)

Poster Sessions

Poster Session 1

Wednesday, October 12, 2022, 1:30 PM – 3:00 PM

Aerospace Engineering

Controls and Mechatronics

Micro and Nano Technologies

Precision Design

Surface Characterization and Applications of Measurement Science

Poster Session 2

Thursday, October 13, 2022, 3:30 PM – 5:00 PM

Metrology Systems

Precision Manufacturing